

ABSTRACT**RESIDUAL CURRENT DETECTION DEVICE**

A residual current detection device for detecting current imbalance including a plurality of resistive shunts for connection in respective ones of a plurality of lines through which current can flow to and from a load, and a detector is provided for each shunt, each of the detectors being sensitive to the voltage developed across the shunt for providing a signal indicative of the current flowing through the shunt, whereby any imbalance between the currents flowing through the shunts can be reached.

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